

In the Claims: (strikethrough parts deleted and underlined parts added)

Please cancel Claims 1-20 without prejudice.

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)
20. (Canceled)

21. (New) A biomass gasification system, comprising:

a primary combustion chamber;

a secondary combustion chamber fluidly connected to said primary combustion chamber;

and

a silica collector positioned at a bottom of said secondary combustion chamber for collecting liquid silica.

22. (New) The biomass gasification system of Claim 21, wherein said silica collector is comprised of a container.

23. (New) The biomass gasification system of Claim 21, wherein said silica collector is comprised of a cart.

24. (New) The biomass gasification system of Claim 21, including a volume of liquid within said silica collector.

25. (New) A method of operating a biomass gasification system, said method comprising the steps of:

feeding a volume of biomass into a primary combustion chamber;

combusting said biomass within said primary combustion chamber resulting in producer gas;

combusting said producer gas within a secondary combustion chamber fluidly connected to said primary combustion chamber; and

collecting a volume of silica at a bottom of said secondary combustion chamber.


26. (New) The method of operating a biomass gasification system of Claim 25, wherein said step of collecting a volume of silica is comprised of collecting said volume of silica within a silica collector positioned approximately at a bottom of said secondary combustion chamber.

C. APPLICANT'S COMMENTS

Claims 1-20 have been canceled with Claims 21-26 added. It is respectfully submitted that none of the prior art references, individually or in combination with one another, teach the limitations of Claims 21-26. In light of the foregoing amendments, early reconsideration and allowance of this application are most courteously solicited.

Should the Examiner consider necessary or desirable any formal changes anywhere in the specification, claims and/or drawing, then it is respectfully asked that such changes be made by Examiner's Amendment, if the Examiner feels this would facilitate passage of the case to issuance. Alternatively should the Examiner feel that a personal discussion might be helpful in advancing this case to allowance, they are invited to telephone the undersigned.

Respectfully submitted,


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August 12, 2005

Date

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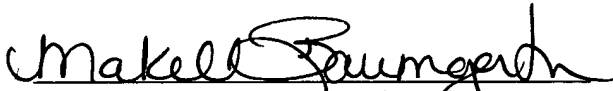
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On August 12, 2005.


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